

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
WATER QUALITY ADVISORY COMMITTEE MEETING

Thursday, October 16, 2003
MAG Office Building
Phoenix, Arizona

MEMBERS ATTENDING

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| Roger Klingler, Scottsdale, Chairman | Phoenix: Robert Hollander |
| *Avondale: Esmeralda Avila | *Surprise: Rich Williams |
| #Chandler: Doug Toy for Jacqueline Strong | *Tempe: David McNeil |
| #Gilbert: Lonnie Frost | Maricopa County: Dale Bodiya for John Power |
| Glendale: Larry Brotman for Chris Ochs | *Pinnacle West Capital: John Boyer |
| *Goodyear: Joel Wade | *Salt River Project: Ray Hedrick |
| *Mesa: Bill Haney | U of A Cooperative Extension: Patrick Clay |
| Peoria: Steven Bontrager | Citizen Representative: Eugene Jensen |

*Those members neither present nor represented by proxy.
#Attended by videoconference or by telephone conference call.

OTHERS PRESENT

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| Town of Buckeye: Carroll Reynolds | Maricopa Association of Governments: |
| Pulte Homes: Hans Koppenhoefer | Craig Chenery |
| Coe & Van Loo: Ken Knickerbocker | Maricopa Association of Governments: |
| | Brenda Day |

1. Call to Order

A meeting of the MAG Water Quality Advisory Committee was conducted on Thursday, October 16, 2003 at 4:00 p.m. Roger Klingler, Chair, City of Scottsdale, called the meeting to order.

2. Approval of the August 27, 2003 Meeting Minutes

The Committee reviewed the draft minutes from the August 27, 2003 meeting. Robert Hollander, City of Phoenix, moved and Dale Bodiya, Maricopa County Environmental Services Department, seconded, and it was unanimously carried to approve the August 27, 2003 meeting minutes.

3. Public Hearing - Draft MAG 208 Water Quality Management Plan Amendment for the Town of Buckeye Festival Ranch Water Reclamation Facility

Chairman Klingler indicated that agenda item number three was for information and public hearing on the Draft MAG 208 Plan Amendment for the Town of Festival Ranch Water Reclamation Facility. He indicated that the purpose of the hearing was to receive public comments on the draft amendment and invited persons wishing to speak to fill out a form and adhere to the three minute time limit. Chair Klingler introduced Ken Knickerbocker, Coe & Van Loo, to provide an overview of the project.

Mr. Knickerbocker indicated that he represents the Town of Buckeye and Pulte Homes on the Festival Ranch project. He indicated that the presentation follows the Clean Water Act 208 Amendment Checklist and answers Committee questions from the previous meeting. He indicated that there are no existing wastewater treatment facilities within the Festival Ranch development area. Facilities servicing other areas within Buckeye include Sundance, Verrado, and the Town of Buckeye Plant. The Festival Ranch plant would have a Phase I capacity of 1.0 million gallons per day (mgd) and an ultimate capacity of 4.0 mgd. The plant is designed to service wastewater needs for a projected population of 34,000. The plant would be located in the southwest corner of Festival Ranch Development, northwest of the White Tank Mountains.

Mr. Knickerbocker indicated that the facility is designed to meet Best Available Demonstrated Control Technology (BADCT) requirements with fine screening, secondary treatment, filtration, ultraviolet disinfection and sludge processing. He indicated that the plant would produce Class A+ effluent with total nitrogen less than 10 milligrams per liter, no detectable fecal coliform, and turbidity less than 10 Nephelometric Units (NTUs). Plant effluent disposal options include recharge, reuse for up to three possible golf courses, schools, parks, and green areas, and an Arizona Pollutant Discharge Elimination System (AZPDES) discharge to Wagner Wash.

Mr. Knickerbocker indicated that Phase I is anticipated by January 2005 and phasing will keep pace with the development. He indicated that Festival Ranch will include an adult living community. He indicated that meetings have been conducted with State agencies in regard to the Aquifer Protection Permit, Reclaimed Water Permit, and the AZPDES permit. Facility construction would be funded through a future Community Facilities District with initial funding by Pulte Homes. The Town of Buckeye will own and operate the plant with possible subcontracting of operations at first.

Mr. Knickerbocker indicated that the next part of the presentation would answer Committee questions from the previous meeting. He indicated that Pulte would initially fund the facility operation and maintenance. There would be a 350 foot plant setback and recharge basins would likely be constructed there. He indicated that Wagner Wash is a tributary of the Hassayampa River. Class B biosolids would be disposed at a permitted landfill, and land application may be a future option. He indicated that initial plant flows would be vault and hauled to a permitted facility until the Festival Ranch Facility has enough flow to operate. He indicated that 100 percent of the reclaimed water is anticipated for reuse during summer with the excess recharged during other times of the year.

Chair Klingler indicated once again that comments from the public were welcomed and inquired

whether any members of the public had filled out a card to speak or written comments had been received.

Brenda Day, MAG staff, indicated that no cards indicating a desire to comment and no written comments had been provided by the public.

Chair Klingler indicated that, since there were no members of the public wishing to comment, he would close the public hearing and the Committee meeting would continue.

4. Draft MAG 208 Water Quality Management Plan Amendment for the Town of Buckeye Festival Ranch Water Reclamation Facility

Chair Klingler indicated that agenda item number for was for information, discussion and possible recommendation to approve the Draft MAG 208 Amendment for the Buckeye Festival Ranch Water Reclamation Facility. Chair Klingler indicated that the Committee was requested to consider any public comments received and bring forward any questions or discussion on the draft amendment.

Chair Klingler inquired whether the facility design would include plans for getting the reclaimed water to any potential golf courses for reuse.

Mr. Knickerbocker indicated that there would be enough reclaimed water from Phase I of the facility for a golf course and a water line to the golf course would be planned.

Chair Klingler inquired whether there were questions from physically present or audio participants of the Committee.

Lonnie Frost, Town of Gilbert, indicated that the presentation identified a clarity of less than 10 NTUs to meet required standards, but inquired whether less than 5 NTUs was actually the required standard.

Mr. Knickerbocker indicated that a maximum of 5 NTUs is the required standard and confirmed it with Mr. Bodiya. Mr. Knickerbocker indicated that the plant was designed to produce Class A+ quality effluent and to meet the required maximum 5 NTU turbidity standard.

Eugene Jensen, Citizen Representative, inquired how the plant was designed in relation to washes and flood plains in the area.

Mr. Knickerbocker indicated that the plant would be outside the 100 year flood plain and all established washes.

Chair Klingler indicated that the City of Surprise and Maricopa County Unincorporated Area were within three miles of the project and both had indicated that they did not object to the proposed facility.

Mr. Bodiya moved to recommend approval of the Draft MAG 208 Water Quality Management Plan for the Town of Buckeye Festival Ranch Water Reclamation Facility. Larry Brotman, City of

Glendale, seconded, and Chair Klingler indicated that, since some Committee members were attending by audio and videoconference, a role call vote would be conducted. Through the role call vote, it was unanimously passed by the Committee to recommend approval of the draft amendment to the MAG Management Committee.

5. Call to the Public

An opportunity was provided to members of the public to address the Water Quality Advisory Committee. No comments were received and the meeting was adjourned.